Bachelor of Science in Geological Sciences with a Concentration in 7-12 Science (Starting with Precalculus)

Required Semester Credit Hours (SCH): 120

The sample four-year degree plan below starts with MATH 1508 (Precalculus). MATH 1508 is a prerequisite and does not count toward the required 120 SCH to complete the degree.

Refer to the University Catalog for all degree requirements at catalog.utep.edu.

Many core curriculum courses are also offered in the summer (Su). Students are encouraged to register early and check Goldmine for course availability.

The flowchart below may not reflect all student schedules; courses can be shifted to different semesters where applicable.

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**Freshman Year**
- **First Semester**
  - RWS 1301: Rhetoric & Composition I (3SCH) (F/Sp)
  - PSYC 1301: Intro to Psychology (3SCH) (F/Sp)
  - MATH 1508: Precalculus (5SCH) (F/Sp)
- **Second Semester**
  - SCI 1301: Inquiry into Math and Sci (3SCH)
  - MATH 1411: Calculus I (4SCH) (F/SP/Su)

**Sophomore Year**
- **First Semester**
  - CHEM 1305 + 1105: General Chem I & Lab (4SCH) (F/Sp)
  - MATH 1312: Calculus II (4SCH) (F/SP/Su)
- **Second Semester**
  - PHYS 2420: Intro to Mechanics (4SCH) (F/Sp)
  - GEOL 1211 + 1111: Principle Earth Sci I & Lab (3SCH)

**Junior Year**
- **First Semester**
  - PHYS 2421: Intro Electromagnetism (4SCH) (F/Sp/Su)
  - GEOL 3223 + 3123: Structural Geology & Lab (4SCH) (F/Sp)
- **Second Semester**
  - GEOL 2309 + 2109: Mineralogy & Petro & Lab (4SCH) (F/Sp)
  - RED 3342: Content Area Literacy (3SCH)

**Senior Year**
- **First Semester**
  - PHYS 2230: Thermal and Fluid Phys (4SCH)
  - GEOL 4375: Field Geology I (3SCH)
  - SCED 3331: Curr Planning Sec Schl (3SCH)
  - SCED 3317: Multi Cult Educ Sec Schl (3SCH)
  - SCED 4368: Teaching Sci in Sec Schl (3SCH)
- **Second Semester**
  - GEOL 3323 + 3123: Structural Geology & Lab (4SCH) (F/Sp)
  - SCED 4691: Student Teach Sec Schl (6SCH) (F/Sp)

**Elective** (3SCH) (F/Sp)

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* C or better required.
Arrow indicates a prerequisite.
Color-coded boxes group the course subject.
F/Sp/Su indicates the semesters Fall/Spring/Summer.